

**Amendments to the Claims:**

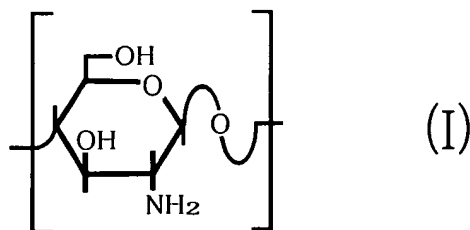
This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claim 1 (currently amended):** ~~A liquid~~An endoscopic surgery composition for ~~bulging mucous membrane in endoscopic surgery comprising a chitosan derivative containing~~that contains carbohydrate chains and is present in an amount effective to bulge a mucous membrane in endoscopic surgery, and a physiologically acceptable liquid carrier.

**Claim 2 (currently amended):** A composition according to Claim 1, ~~characterized in that it comprises~~ comprising 0.5 to 8.0% by weight of ~~the said~~ the said chitosan derivative ~~containing carbohydrate chains.~~

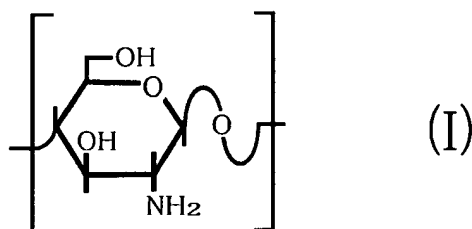
**Claim 3 (currently amended):** A composition according to Claim 1, characterized in that ~~the said~~ the said chitosan derivative ~~containing carbohydrate chains~~ is a polymer ~~formed from a chitin/chitosan~~ comprising repeating glucosamin units represented by the following formula (I):



~~by incorporating wherein~~ a carbohydrate chain having a reducing terminal is

bonded to at least a part of the 2-position amino group groups in the of one of said  
glucosamin units of the chitin/chitosan.

**Claim 4 (currently amended):** A composition according to Claim 1, characterized in that ~~the said~~ chitosan derivative ~~containing carbohydrate chains~~ is a polymer ~~formed from a chitin/chitosan~~ comprising repeating glucosamin units represented by the following formula (I):



by incorporating wherein a carbohydrate chain having a reducing terminal is bonded to at least one part of the 2-position amino group groups in of the one of said glucosamin units of the chitin/chitosan, and incorporating a photoreactive group is bonded to at least another part of the 2-position amino group groups of another of said the glucosamin units of the chitin/chitosan.

**Claim 5 (currently amended):** A composition according to Claim 3 ~~or 4~~, characterized in that ~~the said~~ the said carbohydrate chain is derived from a compound selected from the group consisting of: pentoses or hexoses ~~pentaoses or hexaoses~~ such as ~~glucose, fructose, galactose, fucose, mannose, arabinose, xylose, erythrose, heptulose and hexulose~~; amino carbohydrates such as ~~glucosamin, N-acetylglucosamin and galacsamin~~; carbohydrate derivatives such as ~~uronic acids and deoxysaccharides~~; ~~di- disaccharides or and trisaccharides~~, and combinations

~~thereof such as maltose, isomaltose, lactose, melibiose and maltotriose.~~

**Claim 6 (currently amended):** A Composition composition according to Claim 4, characterized in that ~~the~~said photo-reactive group is selected from the group consisting of: a carbonylazide group, a sulfonylazide group, an aromatic azide group, and a formyl styryl group, and combinations thereof.

**Claim 7 (currently amended):** A composition according to Claim 1, characterized in that ~~the~~said chitosan derivative further contains an amphipathic group.

**Claim 8 (currently amended):** A composition according to ~~any one of Claims 1 to 7~~Claim 1, characterized in that it said composition is sterilized with an autoclave.

**Claim 9 (currently amended):** An endoscopic system comprising a device for injecting the composition of ~~any one of Claims 1 to 8~~Claim 1 into a targeted portion of said mucous membrane.

**Claim 10 (currently amended):** An endoscopic system according to Claim 9, further comprising a device for irradiating light ~~to the injected composition~~ with light.

**Claim 11 (new):** A composition according to Claim 5 wherein said pentoses and hexoses are selected from the group consisting of: glucose, fructose, galactose,

fucose, mannose, arabinose, xylose, erythrose, hepturose, hexylose, and combinations thereof.

**Claim 12 (new):** A composition according to Claim 5 wherein said amino carbohydrates are selected from the group consisting of: glucosamin, N-acetylglucosamin, galacsamin, and combinations thereof.

**Claim 13 (new):** A composition according to Claim 5 wherein said carbohydrate derivatives are selected from the group consisting of: uronic acids, deoxysaccharides, and combinations thereof.

**Claim 14 (new):** A composition according to Claim 5 wherein said disaccharides and trisaccharides are selected from the group consisting of: maltose, isomaltose, lactose, melibiose, maltotriose, and combinations thereof.

**Claim 15 (new):** A composition according to Claim 4, characterized in that said carbohydrate chain is derived from a compound selected from the group consisting of: pentoses or hexoses; amino carbohydrates; carbohydrate derivatives; disaccharides or trisaccharides, and combinations thereof.

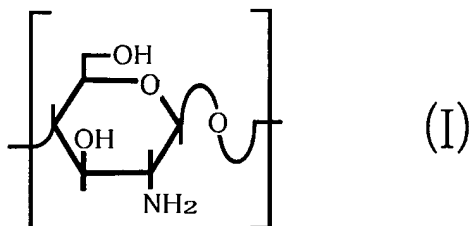
**Claim 16 (new):** A method of conducting endoscopic surgery comprising:  
targeting mucous membrane of a patient that is in need of bulging during endoscopic surgery;  
administering to said targeted mucous membrane a composition comprising a

chitosan derivative containing carbohydrate chains; and

bulging said targeted mucous membrane as a result of administration of said composition.

**Claim 17 (new):** A method according to Claim 16 wherein said composition comprises a physiologically acceptable liquid carrier and 0.5 to 8.0% by weight of said chitosan derivative.

**Claim 18 (new):** A method according to Claim 16 wherein said chitosan derivative is a polymer comprising repeating glucosamin units represented by the following formula (I):



wherein a carbohydrate chain having a reducing terminal is bonded to the 2-position amino group of one of said glucosamin units.

**Claim 19 (new):** A method according to Claim 18 wherein a photoreactive group is bonded to the 2-position amino group of another of said glucosamin units.

**Claim 20 (new):** A method according to Claim 19 wherein said photoreactive group is selected from the group consisting of: a carbonylazide group, a sulfonylazide group, an aromatic azide group, a formyl styryl group, and

combinations thereof.

**Claim 21 (new):** A method according to Claim 18 wherein said chitosan derivative further contains an amphipathic group.

**Claim 22 (new):** A method according to Claim 19 comprising irradiating said composition with light during surgery.

**Claim 23 (new):** A method according to Claim 16 wherein said composition is administered by injection.